

Scottish Certificates Web Development

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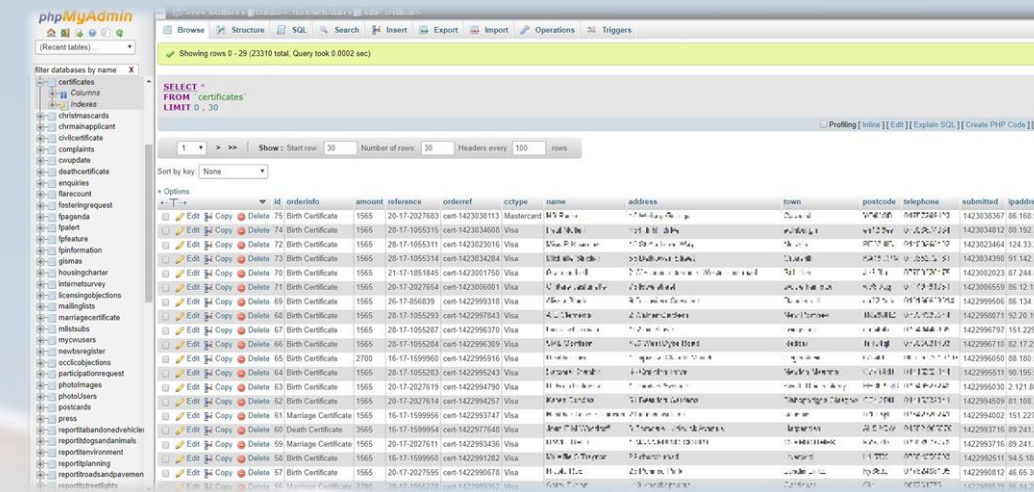
MSc in Software Engineering

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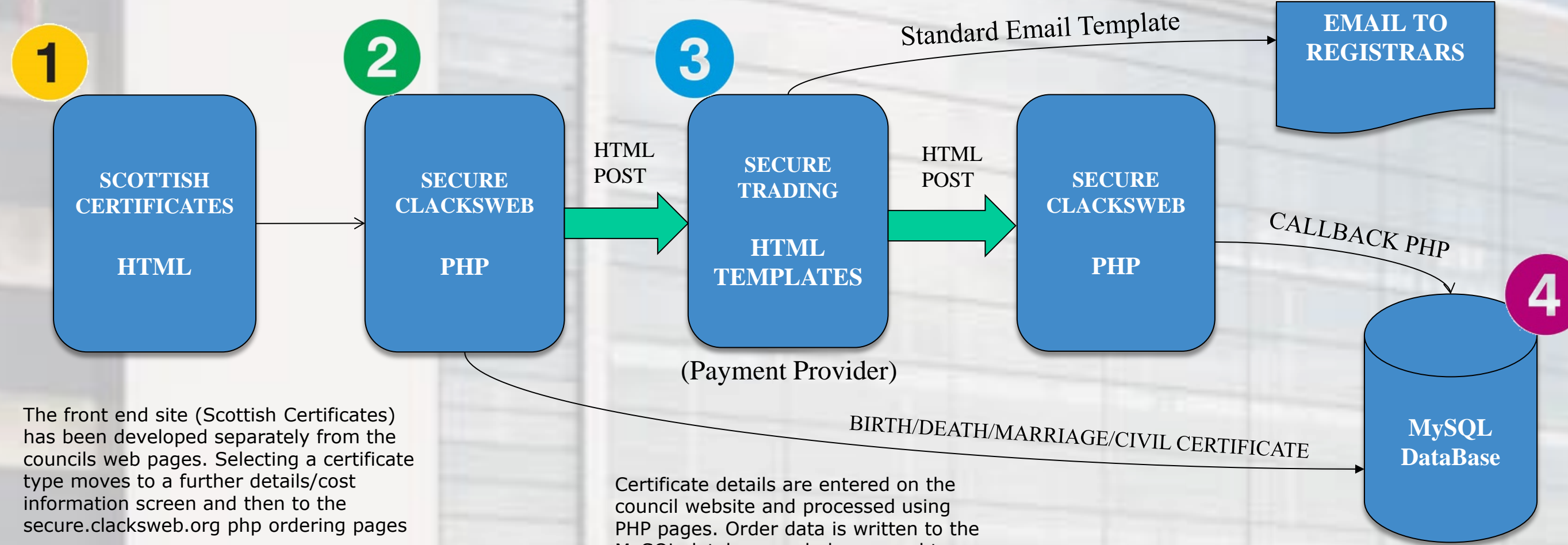
Clackmannanshire Council

- Scottish Certificates provides replacement Birth, Death, Marriage or Civil Partnership certificates registered anywhere in Scotland between 1855 and 2015
- Designed independently from the councils website, to give a unique identity to the service
- Average of 170 certificates purchased per week, generating an income of £2500 for the council



The Certificate dashboard shows summary statistics including outstanding orders & orders in the past week (including revenue)

| Certificate Dashboard | | |
|---|--------------------|----------------|
| At A Glance | | |
| Total Outstanding Orders | | |
| Certificate Type | Amount Outstanding | |
| Birth Certificates | 6544 | |
| Death Certificates | 132 | |
| Marriage Certificates | 927 | |
| Civil Certificates | 36 | |
| This Week | | |
| In total, since 00:00 22 July 2017, there has been 100 certificate orders in 3 categories. 11 of these orders were today. | | |
| Certificate Type | Amount | Percentage (%) |
| Birth Certificates | 81 | 81 |
| Death Certificates | 2 | 2 |
| Marriage Certificates | 17 | 17 |
| Civil Partnerships | 0 | 0 |
| The total amount this week is £1992.70 and the total amount today is £232.25. | | |
| Weekly target (%) * | | |
| £0 60.5% £2474 | | |

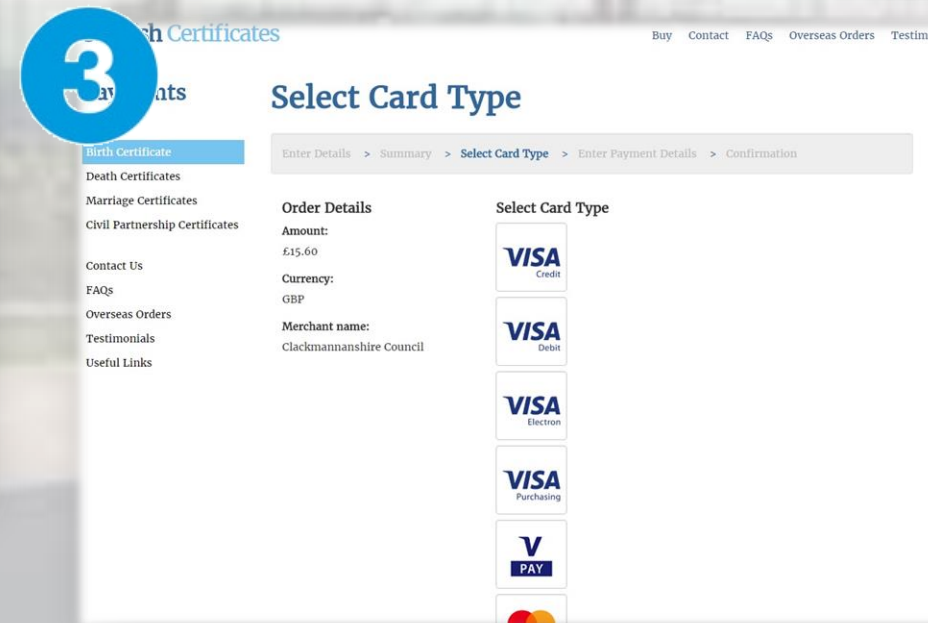
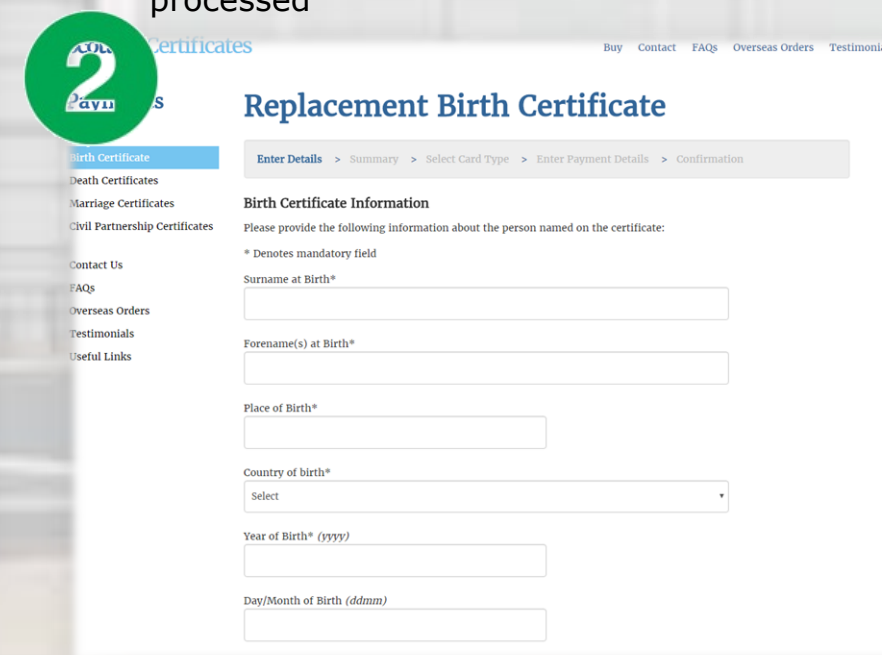


Certificate details are written to a MySQL database. A 'paid' flag is updated by callback.php to show the certificate has been paid for

The front end site (Scottish Certificates) has been developed separately from the councils web pages. Selecting a certificate type moves to a further details/cost information screen and then to the secure.clacksweb.org php ordering pages

Certificate details are entered on the council website and processed using PHP pages. Order data is written to the MySQL database and also passed to secure trading where the payment is processed

End users of the back end part of the system (the Registrars) can query the database via a web interface - search by date range / certificate type etc. Clicking on the Order Ref. shows a detailed view



This page is on the payment providers site (securetrading.com). Standard template files are used for the interface

Project Brief

- **Shopping Basket** for multiple orders (which facilitates and includes both standard and priority options for placing orders)
- **Customer Login** area, to store order details, addresses etc.
- **Improved delivery options** for UK orders only (with unique identifiers on emails for operational staff to identify which postal option has been selected by customer)
- Development of a **Standard & Priority percentage report** to enable close monitoring of quarterly and annual ordering patterns
- Implement a **back up email system** for Priority Service orders for when Clacks systems occasionally fail
- **Implement improved SEO** for the website which can include keywords 'Glasgow', 'Edinburgh', 'Aberdeen', 'Dundee' and 'Inverness'

